# 安装 Floating 或 named licenses

# 一、获取 Floating or Named-User Licenses

1. 根据控制器构架选择安装程序,下载安装程序并在服务器上完成安装。

 MULTI Tricore 链接: <a href="https://pan.baidu.com/s/1wA0ZeCsQeiVzdfg8fyI2NQ">https://pan.baidu.com/s/1wA0ZeCsQeiVzdfg8fyI2NQ</a> 提取码: xw8r

 MULTI Power PC 链接: <a href="https://pan.baidu.com/s/1vkP9tS3x\_96Mqft\_Ky8e3g">https://pan.baidu.com/s/1vkP9tS3x\_96Mqft\_Ky8e3g</a> 提取码: 9bf6

 MULTI Arm 链接: <a href="https://pan.baidu.com/s/17QAaYD52eVd3UVBm-g92EQ">https://pan.baidu.com/s/1vkP9tS3x\_96Mqft\_Ky8e3g</a> 提取码: 8p5g

 MULTI Mips 链接: <a href="https://pan.baidu.com/s/17QAaYD52eVd3UVBm-g92EQ">https://pan.baidu.com/s/17QAaYD52eVd3UVBm-g92EQ</a> 提取码: 8p5g

 MULTI Mips 链接: <a href="https://pan.baidu.com/s/14coFcZYaSn1t-PFuB-prxw">https://pan.baidu.com/s/14coFcZYaSn1t-PFuB-prxw</a> 提取码: 08mn

 MULTI RH850/V800 链接: <a href="https://pan.baidu.com/s/1rS5wsuF0WkQE1nAGdOC47A">https://pan.baidu.com/s/1rS5wsuF0WkQE1nAGdOC47A</a> 提取码: pgs8



#### 2. 打开安装包,在license需要安装的服务器上安装服务器端程序

A 11	(k) == == ==	N/ TH	1.46
名称	修改日期	<b></b>	大小
📜 jff	2020/4/28 6:34	文件夹	
📕 multi-v7.1.6-patch	2020/4/28 6:34	文件夹	
🋐 autorun.inf	2020/4/28 6:34	安装信息	
a ghs.ico	2020/4/28 6:34	图标	3
🗟 ghsicons.dll	2020/4/28 6:34	应用程序扩展	2,89
🛸 ghspipe.dll	2020/4/28 6:34	应用程序扩展	4,15
💥 ginstall.exe	2020/4/28 6:34	应用程序	5,79
installation.pdf	2020/4/28 6:34	Microsoft Edge PD	27
👼 multi_release_notes.pdf	2020/4/28 6:34	Microsoft Edge PD	73
probe_release_notes.pdf	2020/4/28 6:34	Microsoft Edge PD	87
release_notes_tricore.pdf	2020/4/28 6:34	Microsoft Edge PD	1,07
m start.pdf	2020/4/28 6:34	Microsoft Edge PD	64

#### 3. 选择 Advanced Install

💥 Green Hills Software Setup	_		$\times$
Green Hills Softw	are		
Welcome to the Green Hills Software setup program. Please close all Green Hills programs including MULTI/AdaMULTI and license ser	vers.		
Click "Easy Install" to install this configuration: Compiler 2020.1.5 and Probe 5.6.4 for TriCore into C:\ghs\comp_202015 MULTI IDE 7.1.6d into C:\ghs\multi_716d	Eas	y Install	
Click "Advanced Install" to customize this configuration.	Advan	ced Install	
		Qu	it

4. 选择服务器端程序,进入 Next

💥 Green Hills Software Setup	-		×
Green Hills Softwa	are		
Select components to install: Select All Clear All Compiler 2020.1.5 and Probe 5.6.4 for TriCore MULTI IDE 7.1.6d Cleansing Utilities 7.1.6d			
< Back Next	>	Q	uit



### 5. 确认安装路径,点击 Next

💥 Green Hills Software Setup	- □ >	~
Green Hills	Software	
Select installation directory for Licensing Utilities 7.1.6d C:\ghs\licensing_716d	Browse	
	< Back Next > Quit	

## 6. Install

💥 Green Hills Software Setup	_		×
Green Hills Softwa	are		
Click "Install" to install this configuration: Licensing Utilities 7.1.6d into: C:\ghs\licensing_716d			
< Back Inst	all	Q	uit



7. 等待安装完成

💥 Green Hills Software Setup	_		$\times$
Green Hills Softwa	are		
Installing Licensing Utilities 7.1.6d into: C:\ahs\licensing 716d			
		Ca	ocel
		Ca	icei

8. 安装完成后,如果 MULTI Licensing Wizard 还没有打开,从程序安装目录下,运行 mlmadmin.exe (Linux/Solaris 上的 mlmadmin)。

> 此电	脑 > Windows-SSD (C:) > ghs > mul	ti_716d			~
^	名称	修改日期	类型	大小	
	💷 mbuild	2017/5/9/12:30	应用程序	665 KB	
	💥 mcobrowse	2017/5/9 12:30	应用程序	5,754 KB	
	💥 me	2017/5/9 12:30	应用程序	5,961 KB	
	mev	2017/5/9 12:30	应用程序	864 KB	
	💥 mevgui	2017/5/9 12:30	应用程序	5,849 KB	
	mhistory	2017/5/9 12:31	应用程序	2,305 KB	
	mhistory_cs_so.dll	2017/5/9 12:31	应用程序扩展	265 KB	
	mhistory_cs35	2017/5/9 10:10	应用程序	406 KB	
	mhistory_cs45	2017/5/9 10:10	应用程序	407 KB	
	mhistory_fsutil	2017/5/9 12:31	应用程序	284 KB	
) (	mhistory_search	2017/5/9 12:31	应用程序	870 KB	
	💥 mhistory_windlib	2017/5/9 12:31	应用程序	5,782 KB	
	📧 mlaunch	2017/5/9 12:31	应用程序	243 KB	
	💥 mlmadmin	2019/8/21 2:21	应用程序	5,887 KB	
	💥 mprojmgr	2017/5/9 12:30	应用程序	7,569 KB	
· e	💥 mpythongui	2017/5/9 12:30	应用程序	5,665 KB	
1:)	💥 mpythonrun	2017/5/9 12:30	应用程序	5,661 KB	
G	💥 mstart	2017/5/9 12:30	应用程序	5,978 KB	
	💥 mterminal	2017/5/9 12:30	应用程序	5,712 KB	
	💥 multi	2017/5/9 12:30	应用程序	14,755 KB	
~	osa_integrity.so	2017/5/9 12:30	SO 文件	597 KB	

安装目录下的 mlmadmin.exe



9. 在出现的 MULTI Licensing Wizard, 选择 Set up a networkLicense Manager (recommended for administrators), 并点击 Next.

X MULTI Licensing Wizard			_	×
Green	Hills	Softw	are	
Welcome to the Green Hills licensing	g wizard (MULTI v7.	1.6d).		
I would like to:				
<ul> <li>License my MULTI prodution</li> <li>Set up a network License</li> <li>View license information</li> </ul>	ucts (recommended se Manager (recomm 1	for end users) nended for administra	ators)	
Help		< Back Next >		Quit

10. 选择对话框中 Requesting floating or named licenses from Green Hills 选项,点击下一步

💥 MULTI Licensing Wizard	—		$\times$
Green Hills Soft	w a	re	
I would like to: Request floating or named-user licenses from Green Hills     O Configure the License Manager on this machine			
Help < Back Ne:	xt >		Quit



11. 在 MULTI Licensing Wizard 中,选择 Create a license request to e-mail, fax or mail, 然 后单击 Next。

💥 MULTI Licensing Wizard	_	
Green Hills	s Softwar	е
I would like to:	s and a browser required) or mail	
By requesting licenses, the licensee authorizes r Green Hills Software for license administration pu	elease of their contact informat urposes	tion to
Help	< Back Next >	Quit

12. 填写申请表格,进入下一步(注意:申请文件不能出现中文字符,填写表格必填项不可遗漏)

License Requ	est Generator		
Name*	1		
Job Title			
Group			
Manager			
Telephone*		Fax	
E-mail*			
Company*			
Address 1*			
Address 2			
City*		State/ Province*	
Postal Code*		Country*	USA
* fields are rec	uired	< Back	Next > Cancel



13. 确认信息,再进入下一步

License Request Generator	
Number of Licenses 1	
License Availability:	
Computer-locked: license will be locked to this computer     Dongle-locked: license will be locked to a dongle     Dongle Label:	
	~
< Back Next >	Cancel

14. 选择 Permanent 并正确填写订单号 (订单号咨询供应商)

License Request Generator		
License Type: Caluation Evaluation Permanent (Purchase Order Required) Purchase Order Number: Partner Special Code: N/A Other	Product Name	MULTI IDE 7.1.6d, Compiler 2020.1.4 and Probe V
		< Back Next > Cancel

15. 点击下一步,即可生成 license 申请文件

License Request Gen	nerator			
Submit this request to li	icense@ghs.com or fax t	o +1 (805) 965-634	13.	
This is a reques Submit this requ 965-6343.	st to use MULTI ar uest to license@gh	d the other G s.com or fax	reen Hills t to +1 (805)	ools. ^
Product: 5.6.4 Target(s): Debug Server:	MULTI IDE 7.1.6d, : ARM see PO	Compiler 202	0.1.4 and Pr	obe
License Availabi	ility: Host Mana	ged		
License Number: License Type: PO Number: System Name: OS: Server Code:	1 Permanent 54333333333 LAPTOP-PIVQT24F Windows 10 5#0x51178b7			
Customer Informa	ation:			
Name:	ad			~
		Print	Send	Save To File
		< Back	Next >	Cancel

16. 保存申请文件,发送给邮箱 <u>business@emdoor.com(</u>抄送 gemini. ma@emdoor.com),稍后会收 到正式版的 license 文件,完成软件安装授权。



二、配置服务器端

1、运行服务器管理程序

2017/5/9 12:30	应用程序	
2019/8/21 2:21	应用程序	
2021/3/1 12:09	PY 文件	
2017/5/9 12:30	应用程序	
2019/8/21 2:21	应用程序	
2021/3/1 12:09	文本文档	
2017/5/9 12:30	文本文档	
2017/5/9 10:10	文本文档	
2021/3/1 12:09	<b>PY</b> 文件	
	2017/5/9 12:30 2019/8/21 2:21 2021/3/1 12:09 2017/5/9 12:30 2017/5/9 12:30 2017/5/9 12:30 2017/5/9 12:30 2019/8/21 2:21 2021/3/1 12:09 2017/5/9 10:10 2021/3/1 12:09	2017/5/9 12:30应用程序2019/8/21 2:21应用程序2021/3/1 12:09PY 文件2017/5/9 12:30应用程序2017/5/9 12:30应用程序2017/5/9 12:30应用程序2017/5/9 12:30应用程序2017/5/9 12:30应用程序2017/5/9 12:30文本文档2017/5/9 12:30文本文档2017/5/9 12:30文本文档2017/5/9 12:30文本文档2017/5/9 12:30文本文档2017/5/9 12:30文本文档2017/5/9 12:30文本文档2017/5/9 12:30文本文档2017/5/9 12:30文本文档2017/5/9 10:10文本文档2021/3/1 12:09PY 文件

2、选择 Set up a network License manager(recommended for administractors) 点击 Next

💥 MULTI Licensing Wizard	—		$\times$
Green Hills Soft	twar	е	
Welcome to the Green Hills licensing wizard (MULTI v7.1.6d). I would like to: License my MULTI products (recommended for end users Set up a network License Manager (recommended for ad View license information	s) Iministrators)		
Help < Back	Next >	C	)uit



3、选择 Configure the License Manager on this machine,点击 Next

💥 MULTI Licensing Wizard		- 🗆	×
Green Hill	s Softwa	are	
I would like to:	es from Green Hills ; machine		
Help	< Back Next >		Quit

4、配置服务器参数

License File:选择从供应商获取的 license 文件所在的路径

**Description** : GHS

IP Addr Filter: 服务器与客户端所在的局域网 IP(前两位与 IP 地址前两位完全相同,后两位 为 0.0 局域网内任何在 10.214.X.X 网段的客户端都可以访问这个服务器以获取 license 授权) 点击 Start License Manager

License File:	C:\ghs\licenses_for_cgq010a132v.ghslic	ß
Description:	GHS	]
Log File:		$\geq$
User Tracking File:		2
IP Addr Filter:	10.214.0.0	]
	Verbose Logging Log Host Name	
	5	
The License Manage	er is not running Start License Manager Cancel	

License Manager Settings



5、查看 license 管理状态,点击 Refersh

roduct List:SelLM HostProduct NameProduct Codecgq010a132v.s01.netenable_MULTI_v711201cgq010a132v.s01.netenable_MULTI_v611101cgq010a132v.s01.net1102011020cgq010a132v.s01.netenable_COMPILER_2017_111016cgq010a132v.s01.netenable_COMPILER_2016_511015cgq010a132v.s01.netenable_COMPILER_2015_111012cgq010a132v.s01.netenable_COMPILER_2013_111000cgq010a132v.s01.netenable_COMPILER_2013_511009cgq010a132v.s01.netenable_COMPILER_2013_111007cgq010a132v.s01.netenable_COMPILER_2012_511006cgq010a132v.s01.netenable_COMPILER_2012_511002cgq010a132v.s01.netenable_UULTI_v511002cgq010a132v.s01.netsvc_cpu_v8507226	lected	d Product's Host	User List: Length	
LM Host         Product Name         Product Code         Ust           cgq010a132v.s01.net         enable_MULTI_v7         11201           cgq010a132v.s01.net         enable_MULTI_v6         11101           cgq010a132v.s01.net         11020         11020           cgq010a132v.s01.net         enable_COMPILER_2017_1         11016           cgq010a132v.s01.net         enable_COMPILER_2016_5         11015           cgq010a132v.s01.net         enable_COMPILER_2014_1         11000           cgq010a132v.s01.net         enable_COMPILER_2013_5         11009           cgq010a132v.s01.net         enable_COMPILER_2013_5         11007           cgq010a132v.s01.net         enable_COMPILER_2013_1         11007           cgq010a132v.s01.net         enable_COMPILER_2013_5         11006           cgq010a132v.s01.net         enable_COMPILER_2013_5         11006           cgq010a132v.s01.net         enable_MULTI_v5         11002           cgq010a132v.s01.net         enable_MULTI_v5         11002           cgq010a132v.s01.net         svc_cpu_v850         7226	lser	Host	Length	
cgq010a132v.s01.net       enable_MULTI_v7       11201         cgq010a132v.s01.net       enable_MULTI_v6       11101         cgq010a132v.s01.net       11020       11020         cgq010a132v.s01.net       enable_COMPILER_2017_1       11016         cgq010a132v.s01.net       enable_COMPILER_2015_1       11012         cgq010a132v.s01.net       enable_COMPILER_2015_1       11012         cgq010a132v.s01.net       enable_COMPILER_2014_1       11000         cgq010a132v.s01.net       enable_COMPILER_2013_5       11009         cgq010a132v.s01.net       enable_COMPILER_2013_1       11007         cgq010a132v.s01.net       enable_COMPILER_2015_5       11006         cgq010a132v.s01.net       enable_COMPILER_2013_1       11007         cgq010a132v.s01.net       enable_COMPILER_2015_5       11006         cgq010a132v.s01.net       enable_COMPILER_2015_5       11002         cgq010a132v.s01.net       enable_MULTI_v5       11002         cgq010a132v.s01.net       svc_cpu_v850       7226				
cgq010a132v.s01.net       enable_MULT_v6       11101         cgq010a132v.s01.net       11020       11020         cgq010a132v.s01.net       enable_COMPILER_2017_1       11016         cgq010a132v.s01.net       enable_COMPILER_2015_1       11012         cgq010a132v.s01.net       enable_COMPILER_2014_1       11010         cgq010a132v.s01.net       enable_COMPILER_2014_1       11010         cgq010a132v.s01.net       enable_COMPILER_2013_5       11009         cgq010a132v.s01.net       enable_COMPILER_2013_1       11007         cgq010a132v.s01.net       enable_COMPILER_2013_1       11007         cgq010a132v.s01.net       enable_COMPILER_2013_1       11007         cgq010a132v.s01.net       enable_COMPILER_2013_1       11002         cgq010a132v.s01.net       enable_MULTI_v5       11002         cgq010a132v.s01.net       svc_cpu_v850       7226				
cgq010a132v.s01.net       11020       11020         cgq010a132v.s01.net       enable_COMPILER_2017_1       11016         cgq010a132v.s01.net       enable_COMPILER_2016_5       11015         cgq010a132v.s01.net       enable_COMPILER_2015_1       11012         cgq010a132v.s01.net       enable_COMPILER_2015_1       11010         cgq010a132v.s01.net       enable_COMPILER_2013_5       11009         cgq010a132v.s01.net       enable_COMPILER_2013_5       11009         cgq010a132v.s01.net       enable_COMPILER_2012_5       11007         cgq010a132v.s01.net       enable_COMPILER_2012_5       11006         cgq010a132v.s01.net       enable_MULTI_v5       11002         cgq010a132v.s01.net       svc_cpu_v850       7226				
cgq010a132v.s01.net       enable_COMPILER_2017_1       11016         cgq010a132v.s01.net       enable_COMPILER_2016_5       11015         cgq010a132v.s01.net       enable_COMPILER_2015_1       11012         cgq010a132v.s01.net       enable_COMPILER_2014_1       11010         cgq010a132v.s01.net       enable_COMPILER_2013_5       11009         cgq010a132v.s01.net       enable_COMPILER_2013_1       11007         cgq010a132v.s01.net       enable_COMPILER_2012_5       11006         cgq010a132v.s01.net       enable_MULTI_v5       11002         cgq010a132v.s01.net       svc_cpu_v850       7226				
cgq010a132v.s01.net       enable_COMPILER_2016_5       11015         cgq010a132v.s01.net       enable_COMPILER_2015_1       11012         cgq010a132v.s01.net       enable_COMPILER_2014_1       11010         cgq010a132v.s01.net       enable_COMPILER_2013_5       11009         cgq010a132v.s01.net       enable_COMPILER_2013_1       11007         cgq010a132v.s01.net       enable_COMPILER_2012_5       11006         cgq010a132v.s01.net       enable_MULTI_v5       11002         cgq010a132v.s01.net       svc_cpu_v850       7226				
cgq010a132v.s01.net       enable_COMPILER_2015_1       11012         cgq010a132v.s01.net       enable_COMPILER_2014_1       11010         cgq010a132v.s01.net       enable_COMPILER_2013_5       11009         cgq010a132v.s01.net       enable_COMPILER_2013_1       11007         cgq010a132v.s01.net       enable_COMPILER_2012_5       11006         cgq010a132v.s01.net       enable_MULTI_v5       11002         cgq010a132v.s01.net       svc_cpu_v850       7226				
cgq010a132v.s01.net enable_COMPILER_2014_1 11010 cgq010a132v.s01.net enable_COMPILER_2013_5 11009 cgq010a132v.s01.net enable_COMPILER_2013_1 11007 cgq010a132v.s01.net enable_COMPILER_2012_5 11006 cgq010a132v.s01.net enable_MULTI_v5 11002 cgq010a132v.s01.net svc_cpu_v850 7226				
cgq010a132v.s01.net enable_COMPILER_2013_5 11009 cgq010a132v.s01.net enable_COMPILER_2013_1 11007 cgq010a132v.s01.net enable_COMPILER_2012_5 11006 cgq010a132v.s01.net enable_MULTI_v5 11002 cgq010a132v.s01.net svc_cpu_v850 7226				
rgq010a132v.s01.net         enable_COMPILER_2013_1         11007           rgq010a132v.s01.net         enable_COMPILER_2012_5         11006           rgq010a132v.s01.net         enable_MULTI_v5         11002           rgq010a132v.s01.net         svc_cpu_v850         7226				
cgq010a132v.s01.net enable_COMPILER_2012_5 11006 cgq010a132v.s01.net enable_MULTI_v5 11002 cgq010a132v.s01.net svc_cpu_v850 7226				
cgq010a132v.s01.net enable_MULTI_v5 11002 cgq010a132v.s01.net svc_cpu_v850 7226				
cgq010a132v.s01.net svc_cpu_v850 7226				
cgq010a132v.s01.net as800 4221				
cgq010a132v.s01.net as850 4213				
cgq010a132v.s01.net ecom800 3201				
cgq010a132v.s01.net sim800 530				
cgq010a132v.s01.net sim850 450				
cgq010a132v.s01.net 850eserv 283				
cgq010a132v.s01.net 850serv 260				
cgq010a132v.s01.net multi 100				

# 三、配置客户端

1、运行客户端安装程序

名称	修改日期	类型	大小
📜 jff	2020/4/28 6:34	文件夹	
📜 multi-v7.1.6-patch	2020/4/28 6:34	文件夹	
🔄 autorun.inf	2020/4/28 6:34	安装信息	
⇔ ghs.ico	2020/4/28 6:34	图标	
🗟 ghsicons.dll	2020/4/28 6:34	应用程序扩展	
🗟 ghspipe.dll	2020/4/28 6:34	应用程序扩展	
💥 ginstall.exe	2020/4/28 6:34	应用程序	
installation.pdf	2020/4/28 6:34	Microsoft Edge PD	
📴 multi_release_notes.pdf	2020/4/28 6:34	Microsoft Edge PD	
probe_release_notes.pdf	2020/4/28 6:34	Microsoft Edge PD	
release_notes_tricore.pdf	2020/4/28 6:34	Microsoft Edge PD	
📴 start.pdf	2020/4/28 6:34	Microsoft Edge PD	



#### 2、选择安装 Easy Install

💥 Green Hills Software Setup	-		$\times$
Green Hills Softwa	re		
Welcome to the Green Hills Software setup program.			
Please close all Green Hills programs including MULTI/AdaMULTI and license server	s.		
Click "Easy Install" to install this configuration:	Easy	Install	
Compiler 2020.1.5 and Probe 5.6.4 for TriCore into C:\ghs\comp_202015			
HOLIT TOT I TOT HOLIT GIB HOLIT / TOT			
Click "Advanced Install" to customize this configuration.	Advan	ced Install	
		0.	it

或



3、确认安装路径,之后一直点击 Next

💥 Green Hills Software Setup				$\times$
Green Hills Softwa	a r	e		
Select installation directory for Compiler 2020. 1.5 and Probe 5.6.4 for TriCore				
C:\ghs\comp_202015		Browse		
< Back Next	t >	]	Qu	uit



### 4、点击 Install

💥 Green Hills Software Setup	_		×
Green Hills Softwa	re		
Click "Install" to install this configuration: Compiler 2020.1.5 and Probe 5.6.4 for TriCore into: C:\ghs\comp_202015 MULTI IDE 7.1.6d into: C:\ghs\multi_716d			
< Back Insta		Q	uit

5、等待安装完成

💥 Green Hills Software Setup	_		×
Green Hills Softwa	re		
Installing Compiler 2020.1.5 and Probe 5.6.4 for TriCore into: C:\ghs\comp_202015			
		Car	ncel

6、运行程序





7、弹出 license 对话框

MULTI Launcher - MULTI v7.1.6

 $\times$ 

No MULTI licenses available. [There are no local licenses and there are no License Managers to contact]
MULTI Licensing Wizard will be launched.



9、选择最后一项





10、填写@服务器 IP 或@服务器主机名,点击 Next



11、弹出 license 管理器,刷新 license 页面,确认授权成功

icense Manager: Al License Managers									
							Refre		
roduct List: Selected Product's User List:									
LM Host	Product Name	Product Code	Installed	Current Usage	Pt	User Host Length			
10.214.:	enable MULT]	11201	1	1	1	uida01!,CGQ006: 5m29s			
10.214.:	enable MULT]	11101	1	0	0	5			
10.214.1	11020	11020	1	0	0				
10.214.:	enable_COMPJ	11016	1	0	0				
10.214.:	enable_COMP1	11015	1	0	0				
10.214.:	enable_COMP]	11012	1	0	0				
10.214.:	enable COMPI	11010	1	0	0				
10.214.:	enable_COMP]	11009	1	0	0				
10.214.1	enable_COMP1	11007	1	0	0				
10.214.:	enable_COMP1	11006	1	0	0				
10.214.:	enable_MULT]	11002	1	0	0				
10.214.:	svc_cpu_v85€	7226	1	0	0				
10.214.:	as800	4221	1	0	0				
10.214.:	as850	4213	1	0	0				
10.214.:	ecom800	3201	1	0	0				
10.214.:	sim800	530	1	0	0				
10.214.1	sim850	450	1	0	0				
10.214.:	850eserv	283	1	0	0				
	850serv	260	1	0	0				
10.214.1				-					